

Mercer County



Mercer County Index of Sites

| Site Name | Page # |
|--|--------|
| 398 Olden Avenue | 175 |
| Hopewell Borough Water Department Well 4 | 176 |
| Princeton Farms Ground Water Contamination | 177 |
| Smokey's Servicenter | 178 |
| The Kings Path Ground Water Contamination | 179 |
| Trenton Fibre Drum Company Inc. | 180 |
| Yard Road Ground Water Contamination | 182 |

398 Olden Avenue

398 Olden Avenue

Trenton City

Mercer County

BLOCK: 202D **LOT:** 181
BLOCK: 202E **LOT:** 160, 162

CATEGORY: Non-Superfund
State Lead, IEC

TYPE OF FACILITY: Gasoline Service Stations
OPERATION STATUS: Inactive

PROPERTY SIZE: 0.6 Acres (total)

SURROUNDING LAND USE: Commercial/Residential

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Volatile Organic Compounds

STATUS

Delineating

Soil

Volatile Organic Compounds

Removed

Air

Volatile Organic Compounds

Delineating

FUNDING SOURCES

Corporate Business Tax

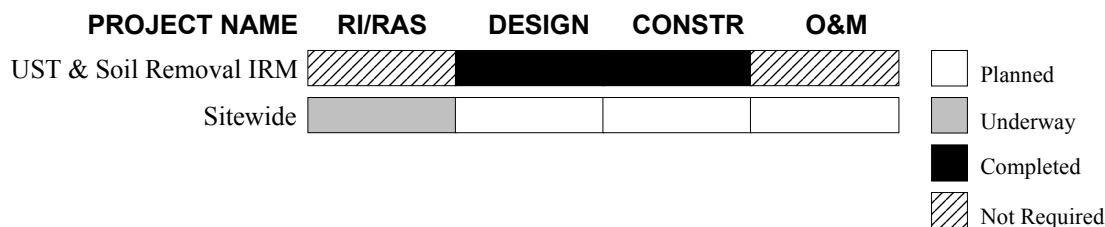
AMOUNT AUTHORIZED

\$416,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

This site consists of two abandoned gasoline service stations located in close proximity to one another. One, known as Frank's Service Station, is located on the corner of North Olden Avenue and Dickinson Street. The other is known as Tex's Service Station and is located on the corner of North Olden Avenue and Lawrence Street. Each is approximately 0.3 acres. Between the two former service stations is an industrial blacksmith building. In 1993, the local electric and gas company alerted NJDEP that heavy gasoline odors were present in an underground utility vault located near the sites. NJDEP investigated and determined that the gasoline vapors in the vault were approaching explosive levels. An inspection of the underground storage tanks at both of the former service stations revealed that several still contained petroleum product. NJDEP's Bureau of Underground Storage Tanks issued directives to current and former owners of the properties that required them to address the vapor hazard in the utility vault, properly close the underground storage tanks, delineate the contamination in the soil and ground water and conduct the necessary remedial activities, but they did not comply.

In 1999, NJDEP's Division of Publicly Funded Site Remediation began a Remedial Investigation and Remedial Action Selection (RI/RAS) to determine the extent of the contamination in the soil and ground water at the former gas stations and evaluate remedial alternatives. NJDEP conducted an Interim Remedial Measure (IRM) in 2001 to remove nine underground storage tanks and 1,600 tons of contaminated soil from the sites. NJDEP plans to begin the ground water sampling phase of the RI/RAS in 2002.



Hopewell Borough Water Department Well 4

Louellen Street & Model Avenue Hopewell Borough

Mercer County

BLOCK: 13 **LOT:** 1

CATEGORY: Non-Superfund
State Lead, IEC

TYPE OF FACILITY: Not Applicable
OPERATION STATUS: Not Applicable

PROPERTY SIZE: Not Applicable

SURROUNDING LAND USE: Residential

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Volatile Organic Compounds

STATUS

Confirmed

Potable Water

Volatile Organic Compounds

Treating

FUNDING SOURCES

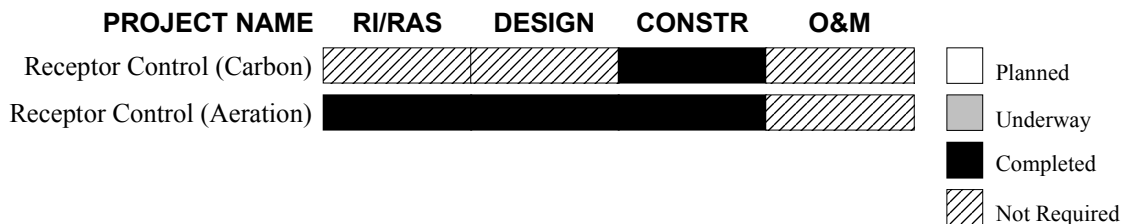
Spill Fund

AMOUNT AUTHORIZED

\$90,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

Municipal Well 4 provides water for approximately one-third of Hopewell Borough's daily demand. Routine sampling conducted by the Borough in 1993 revealed that the well was contaminated with volatile organic compounds at levels exceeding New Jersey Drinking Water Standards. The primary contaminants were trichloroethylene (TCE) and tetrachloroethylene (also known as perchloroethylene, or PCE). The source is unknown. NJDEP installed a carbon filtration system on the well as an interim measure in 1993. The Borough installed an air stripper on the well as a permanent remedy in 2001 using funds provided by NJDEP. Operation and maintenance of the air stripper is being conducted by the Borough. Additional investigative work is underway to identify possible sources of the ground water contamination at this site.



Princeton Farms Ground Water Contamination

Moore's Mill-Mount Rose Road & Howard Way

Hopewell Township

Mercer County

BLOCK: Various **LOT:** Various

CATEGORY: Non-Superfund
State Lead, IEC

TYPE OF FACILITY: Not Applicable
OPERATION STATUS: Not Applicable

PROPERTY SIZE: Not Applicable

SURROUNDING LAND USE: Residential

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Tetrachloroethylene

STATUS

Confirmed

Potable Water

Tetrachloroethylene

Treating

FUNDING SOURCES









Spill Fund

AMOUNT AUTHORIZED

\$19,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

Sampling conducted by the local health department in 1995 identified 12 private potable wells in this area that were contaminated with tetrachloroethylene (also known as perchloroethylene, or PCE) at levels exceeding the New Jersey Drinking Water Standard. The source of the contamination is unknown. NJDEP installed Point-Of-Entry Treatment (POET) systems on the contaminated wells to provide potable water for the residents. NJDEP's Division of Publicly Funded Site Remediation completed a water supply alternatives analysis for the site in 1997 that concluded the continued use of POET systems in the affected homes was the most cost-effective long-term remedy. Additional investigative work is underway to identify possible sources of the ground water contamination at this site.

| PROJECT NAME | RI/RAS | DESIGN | CONSTR | O&M | |
|--------------------------|---|---|--|---|--|
| Receptor Control (POETS) |  |  |  |  |  Planned |
| | | | | |  Underway |
| | | | | |  Completed |
| | | | | |  Not Required |

Smokey's Servicenter

1005 Chambers Street

Trenton City

Mercer County

BLOCK: 185 **LOT:** 100

CATEGORY: Non-Superfund
State Lead

TYPE OF FACILITY: Auto Repair Shop
OPERATION STATUS: Active

PROPERTY SIZE: 0.25 Acre

SURROUNDING LAND USE: Residential/Commercial

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Volatile Organic Compounds
Petroleum Hydrocarbons

STATUS

Levels Not of Concern

Soil

Volatile Organic Compounds
Petroleum Hydrocarbons

Removed

FUNDING SOURCES













Spill Fund
1986 Bond Fund

AMOUNT AUTHORIZED

\$1,500
\$139,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

In 1992, a resident notified NJDEP that hazardous substances had been discharged at this site. Inspections of the site by NJDEP revealed a number of areas of concern, including the suspected and former locations of several underground storage tanks and areas of heavily contaminated soil due to the direct discharge of waste fluids onto the ground. NJDEP's Division of Publicly Funded Site Remediation subsequently conducted a Remedial Investigation and Remedial Action Selection (RI/RAS) that confirmed the presence of seven underground storage tanks and identified approximately 300 tons of surface and subsurface contaminated soil. In 1996, NJDEP excavated the underground storage tanks and the contaminated soil, backfilled the excavations with clean material and installed five monitor wells to evaluate ground water quality. Periodic sampling of the monitoring wells has consistently shown that the levels of contaminants in the ground water are below New Jersey Drinking Water Standards. The Division of Publicly Funded Site Remediation does not plan to conduct any further remedial actions at this site.

| PROJECT NAME | RI/RAS | DESIGN | CONSTR | O&M | |
|--------------|---|---|---|--|--|
| UST Removal |  |  |  |  |  Planned |
| Sitewide |  |  |  |  |  Underway |
| | | | | |  Completed |
| | | | | |  Not Required |

The Kings Path Ground Water Contamination

The Kings Path

Hopewell Township

Mercer County

BLOCK: Various **LOT:** Various

CATEGORY: Non-Superfund
State Lead, IEC

TYPE OF FACILITY: Not Applicable
OPERATION STATUS: Not Applicable

PROPERTY SIZE: Not Applicable

SURROUNDING LAND USE: Residential

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Volatile Organic Compounds

STATUS

Delineated

Potable Water

Volatile Organic Compounds

Alternate Water Supply
Provided

FUNDING SOURCES









Spill Fund
Corporate Business Tax

AMOUNT AUTHORIZED

\$31,000
\$12,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

Sampling conducted by the Hopewell Township Health Department and NJDEP's Division of Publicly Funded Site Remediation between 1999 and 2000 identified 10 private potable wells in this development and two outside the development that were contaminated with the volatile organic compounds at levels exceeding New Jersey Drinking Water Standards. The primary contaminants are trichloroethylene (TCE) and tetrachloroethylene (also known as perchloroethylene, or PCE). Kooltronics Inc./Rockwell International site, a former industrial facility located nearby in Hopewell Borough, was identified as a possible source of the contamination. NJDEP installed Point-of-Entry Treatment (POET) systems on the wells that were contaminated above Drinking Water Standards as an interim measure and Kooltronics installed POET systems on the wells with contaminants below Drinking Water Standards as a precautionary measure. NJDEP subsequently delineated the Currently Known Extent (CKE) of the potable well contamination and completed a water supply alternatives analysis that concluded installation of public water lines to the homes in the CKE was the most cost-effective long-term remedy. Rockwell International, Hopewell Township and the Elizabethtown Water Company negotiated an agreement to extend public water lines to the affected area and installation of the water lines was completed in 2001. Rockwell International is conducting a Remedial Investigation (RI) to determine the nature and extent of the soil and ground water contamination at its facility under the oversight of NJDEP's Division of Responsible Party Site Remediation.

| PROJECT NAME | RI/RAS | DESIGN | CONSTR | O&M | |
|--------------------------|---|---|--|---|--|
| Receptor Control (POETS) |  |  |  |  |  Planned |
| | | | | |  Underway |
| | | | | |  Completed |
| | | | | |  Not Required |

Trenton Fibre Drum Company Inc.

1545 New York Avenue

Lawrence Township

Mercer County

BLOCK: 408 **LOTS:** 1-19

CATEGORY: Non-Superfund
State Lead

TYPE OF FACILITY: Drum Reconditioning
OPERATION STATUS: Inactive

PROPERTY SIZE: 2 Acres

SURROUNDING LAND USE: Industrial/Commercial/Residential

| MEDIA AFFECTED | CONTAMINANTS | STATUS |
|-----------------------------------|---|---------------|
| Ground Water | Volatile Organic Compounds Semi-Volatile Organic Compounds Polychlorinated Biphenyls (PCBs) Pesticides Metals | Delineating |
| Soil | Volatile Organic Compounds Semi-Volatile Organic Compounds Polychlorinated Biphenyls (PCBs) Petroleum Hydrocarbons Pesticides Metals | Delineating |
| Surface Water | Semi-Volatile Organic Compounds Pesticides Metals | Delineating |
| Sediments | Volatile Organic Compounds Semi-Volatile Organic Compounds Polychlorinated Biphenyls (PCBs) Petroleum Hydrocarbons Metals | Delineating |
| Building Interior (Foundation) | Volatile Organic Compounds Semi-Volatile Organic Compounds Polychlorinated Biphenyls (PCBs) Petroleum Hydrocarbons Metals | Delineating |

FUNDING SOURCES

1986 Bond Fund
Corporate Business Tax

AMOUNT AUTHORIZED

\$25,000
\$629,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:







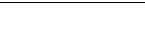
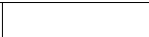
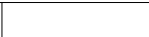



The Trenton Fibre Drum Company operated a steel and fiber drum reconditioning facility at this site between 1965 and 1985. The building has been demolished and except for the building foundation the property is vacant. When operations ceased numerous drums containing chemical wastes were left at the site. A preliminary investigation conducted by USEPA in 1985 revealed that the soil at the site and the sediments and surface water in a nearby ditch were contaminated with organic compounds and metals. USEPA disposed of approximately 1,000 drums and a 550-gallon underground gasoline storage tank during a removal action in 1991.

The Township of Lawrence and NJDEP's Division of Responsible Party Site Remediation subsequently entered into a Memorandum of Agreement (MOA) in which the Township agreed to investigate the extent of the contamination at the property. The Township completed a Preliminary Assessment Report and Site Investigation Report in 1997 that concluded numerous spills and subsurface sources had contaminated the soil, surface water and ground water and that the contamination was migrating off site. However, the Township terminated the MOA in 1997 before the Remedial Investigation was completed. In 1999, NJDEP's Division of Publicly Funded Site Remediation began a Remedial Investigation and Remedial

Trenton Fibre Drum Company Inc.

(Continued from previous page)

Alternatives Analysis (RI/RAS) to determine the nature and extent of the contamination at the site and evaluate cleanup alternatives. The sampling phase of the RI/RAS is underway and scheduled to be completed in 2002. NJDEP will use the findings of the RI/RAS to determine the appropriate remedial actions for the site.

| PROJECT NAME | RI/RAS | DESIGN | CONSTR | O&M | |
|--------------|---|---|---|--|--|
| Drum Removal |  |  |  |  |  Planned |
| Sitewide |  |  |  |  |  Underway |
| | | | | |  Completed |
| | | | | |  Not Required |

Yard Road Ground Water Contamination

Route 31 & Yard Road

Hopewell Township

Mercer County

BLOCK: Various **LOT:** Various

CATEGORY: Non-Superfund
State Lead, IEC

TYPE OF FACILITY: Not Applicable
OPERATION STATUS: Not Applicable

PROPERTY SIZE: Not Applicable

SURROUNDING LAND USE: Residential

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Volatile Organic Compounds

STATUS

Delineating

Potable Water

Volatile Organic Compounds

Treating

FUNDING SOURCES

Spill Fund

Corporate Business Tax



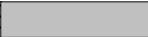





AMOUNT AUTHORIZED

\$1,000

\$30,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

Sampling conducted by the Hopewell Township Health Department and NJDEP's Division of Publicly Funded Site Remediation between 1999 and 2001 identified 20 private potable wells in this area that were contaminated with volatile organic compounds at levels exceeding New Jersey Drinking Water Standards. The primary contaminant is trichloroethylene (TCE). The source is unknown. NJDEP installed Point-of-Entry Treatment (POET) systems on the contaminated wells as an interim measure to provide potable water for the residents. NJDEP is using the findings of the potable well sampling to delineate the Currently Known Extent (CKE) of the potable well contamination and to evaluate long-term water supply alternatives for the area. Additional investigative work is planned to identify possible sources of the ground water contamination at this site.

| PROJECT NAME | RI/RAS | DESIGN | CONSTR | O&M | |
|--------------------------|---|---|---|--|--|
| Receptor Control (POETS) |  |  |  |  |  Planned |
| | | | | |  Underway |
| | | | | |  Completed |
| | | | | |  Not Required |